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AUG 30 2004  
U.S. PATENT & TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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P.O. Box 1450  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/825,594	04/16/2004	Yun-Bok Lee	053785-5176

CONFIRMATION NO. 7791

09629

MORGAN LEWIS & BOCKIUS LLP  
1111 PENNSYLVANIA AVENUE NW  
WASHINGTON, DC 20004

FORMALITIES LETTER



\*OC000000013078294\*

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/31/2004 STEUMEL1 00000081 500310 10825594

FILED UNDER 37 CFR 1.53(b)

01 FC:1001 770.00 DA  
02 FC:1202 684.00 DA  
03 FC:1201 688.00 DA  
04 FC:1051 130.00 DA

*Filing Date Granted*

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The following item(s) appear to have been omitted from the application:

- Figure(s) 17e-26d described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within TWO MONTHS of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date must be filed within TWO MONTHS of the date of this Notice.

RECEIVED

JUN 30 2004

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Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$1372** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$2272** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$1372**
  - **\$688** for 8 independent claims over 3.
  - **\$684** for 38 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*8/27*  

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT  
ATTORNEY DOCKET NO.: 053785-5176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Yun-Bok LEE )  
Application No.: 10/825,594 ) Group Art Unit: 2871  
Filed: April 16, 2004 ) Examiner: Unassigned

For: ARRAY SUBSTRATE FOR IN-PLANE SWITCHING MODE LIQUID CRYSTAL  
DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME

Commissioner for Patents  
**MAIL STOP MISSING PARTS**

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

1. This replies to the Notice to File Missing Parts of Nonprovisional Application mailed June 28, 2004.

A copy of the Notice To File Missing Parts Of Nonprovisional Application is enclosed.

2. Declaration Or Oath

No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.

The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.

The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

3. English Translation of Non-English Language Papers

Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

Also enclosed is the Verification of Translation Document.

4. Small Entity Status

Small entity status under 37 C.F.R. § 1.27 is asserted for the present application.

## 5. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

Total months requested	Fee for extension	[Fee for Small Entity]
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 420.00	\$210.00
<input type="checkbox"/> three months	\$ 950.00	\$475.00
<input type="checkbox"/> four months	\$1,480.00	\$740.00
<input type="checkbox"/> five months	\$2,010.00	\$1,005.00

Extension of time fee due with this request: \$

If an additional extension of time is required, please consider this a Petition therefor.

- Applicant believes that no extension of time is required. However, in the event applicant has inadvertently overlooked the need for a petition and fee for extension of time, applicant hereby petitions for such an extension and requests that any fee therefor be charged to our Deposit Account No. 50-0310.

## 6. Assignment

- An assignment of the invention to LG.Philips LCD Co., Ltd. and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.

## 7. Fee Calculation

			Fee Code	
Basic Fee			\$770.00	1001/2001
	Number Filed	Number Extra at a Rate of (Lg./Sm.Entity)		
Total Claims	58 - 20 =	38	\$18/\$9 each=	\$684.00 1202/2202
Independent Claims	11 - 3 =	8	\$86/\$43 each=	\$688.00 1201/2201
Multiple dependent claim(s), if any			\$290/\$145	\$ 1203/2203
			SUB-TOTAL =	\$
Late Filing Surcharge Fee (37 C.F.R. § 1.16(e))			\$130/\$65	\$130.00 1051/2051
			\$110/\$55 (1 Month)	1251/2251
			\$420/\$210 (2 Months)	1252/2252
			\$950/\$475 (3 Months)	1253/2253
Extension Fee (37 C.F.R. § 1.17(a)(1)-(5))			\$1480/\$740 (4 Months)	1254/2254
			\$2010/\$1005 (5 Months)	\$ 1255/2255
			SUB-TOTAL =	\$2,272.00
Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(i) and § 1.52(d))			\$130.00	\$ 1053
Assignment Recordation Fee			\$ 40.00	\$40.00 8021
			TOTAL FILING FEE =	\$2,312.00

## 8. Fee Payment

- Enclosed is a check in the amount of \$\_\_\_\_\_ representing the total fee due.
- The Commissioner is hereby authorized to charge the total fee due to Deposit Account 50-0310.
- Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

## 9. Additional papers enclosed.

- Preliminary Amendment
- Submission of Replacement Drawings with \_\_\_\_\_ sheets of drawings
- Claim for Priority
- Certified copy of priority document: Korean Application No. 2004-0025956
- Information Disclosure Statement
- Form PTO-1449, \_\_\_\_\_ references as listed
- Declaration of Biological Deposit
- Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- Other:

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**



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Robert J. Goodell, Reg. No. 41,040

Date: August 30, 2004

**CUSTOMER NO. 09629**

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